

INSTALLATION MANUAL



CTM-4200



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Warning Statements

WARNING: PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PUROPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS, OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

WARNING: THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 160 LBS. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

WARNING: SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

WARNING: PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.



Indicates that the power plug is to be disconnected from the power outlet.



Contact Premier Mounts with any questions.



Safety precautions must be taken at all times.



Warning and Caution statements.



Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the plasma display and/or damage to the mounting surface.



Do not install near heater, fireplace, direct sunlight, air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the plasma display and could increase the risk of fire.

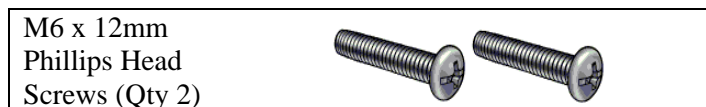
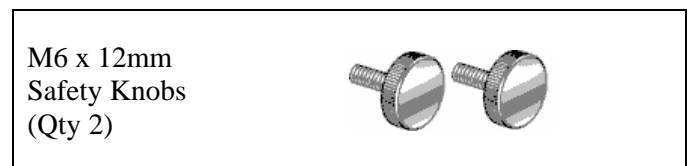
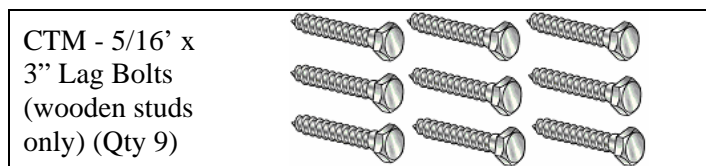
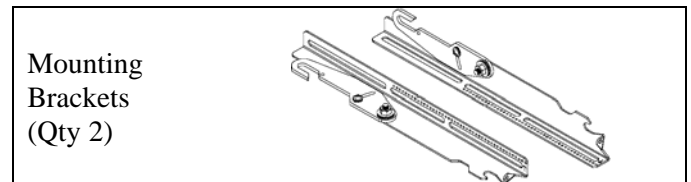
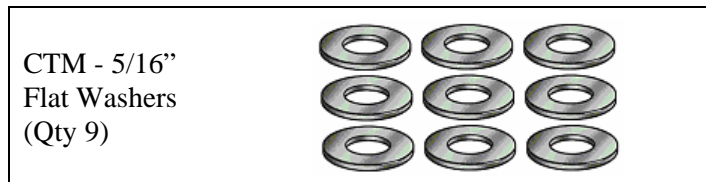
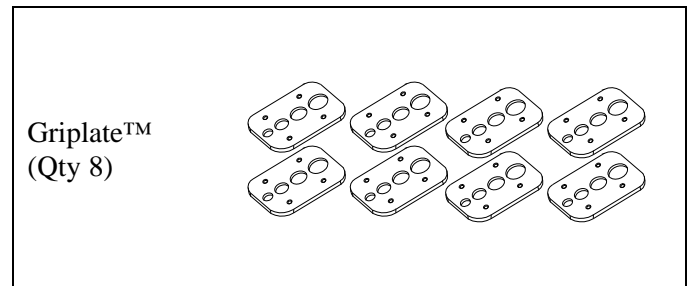
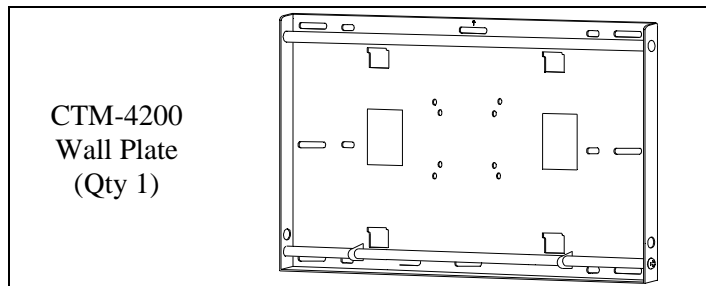


At least two qualified people should perform the installation procedure. Injury and/or damage can result from dropping or mishandling the plasma display.



Parts List

NOTE: This mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800-368-9700).




Installation Tools

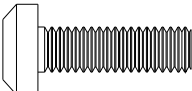
Phillips Head Screw Driver
Pencil
Thread Depth Indicator (Supplied)

Soft Material/ Blanket
Tape Measure

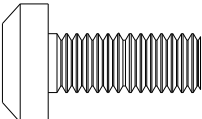
1/2" Socket and Wrench
Green Level (Supplied)

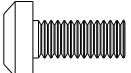



M4 x 16  (Qty 8)

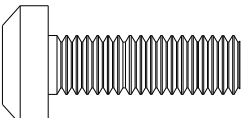
M6 x 20  (Qty 6)

M4 x 25  (Qty 6)

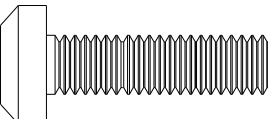
M8 x 20  (Qty 6)

M5 x 12  (Qty 8)

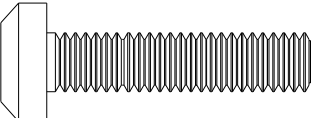
M5 x 16  (Qty 8)

M8 x 25  (Qty 6)

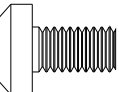
M5 x 20  (Qty 6)

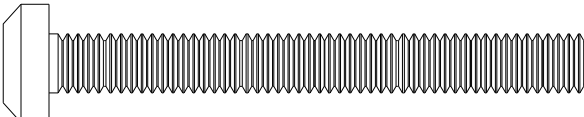
M8 x 30  (Qty 6)

M5 x 25  (Qty 6)

M8 x 35  (Qty 6)

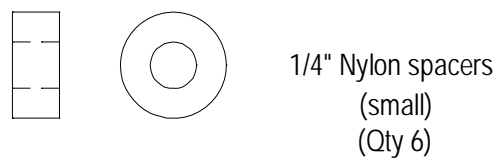
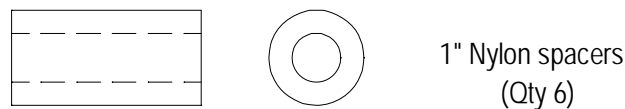
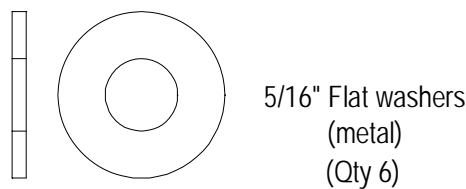
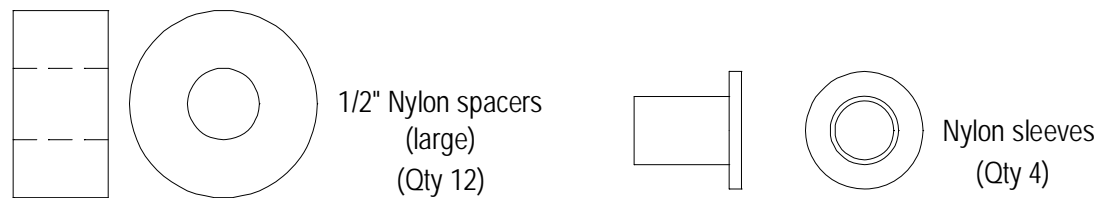
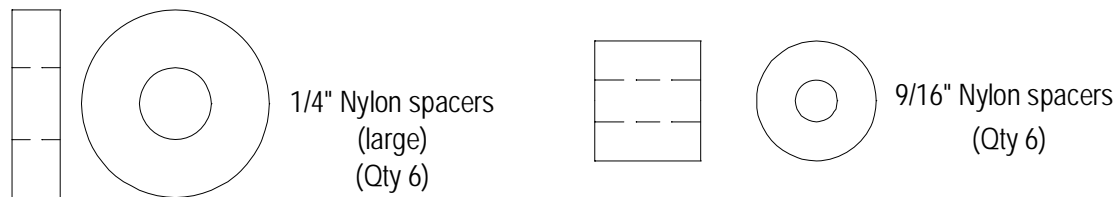
M5 x 50  (Qty 4)

M6 x 12  (Qty 2)

M8 x 70  (Qty 4)

Nylon spacers and flat washers’ actual size

NOTE: The nylon spacers may be stacked to achieve proper spacing.





Thread Depth Indicator

1. Insert the thread depth indicator (supplied) through the thread inserts found on the back of the flat panel to make sure the inserts measure the same full depth and mark it (Figure 1).
2. Locate the correct diameter screw for the thread insert. Compare your marking to the screws (supplied).
3. If your selected screw is longer than the marking on the thread depth indicator, **DO NOT USE** this screw.
4. The screw length must not bypass the marking. Select another screw size (Figure 2 and 3), until you find one that comes closest to your mark without going past.

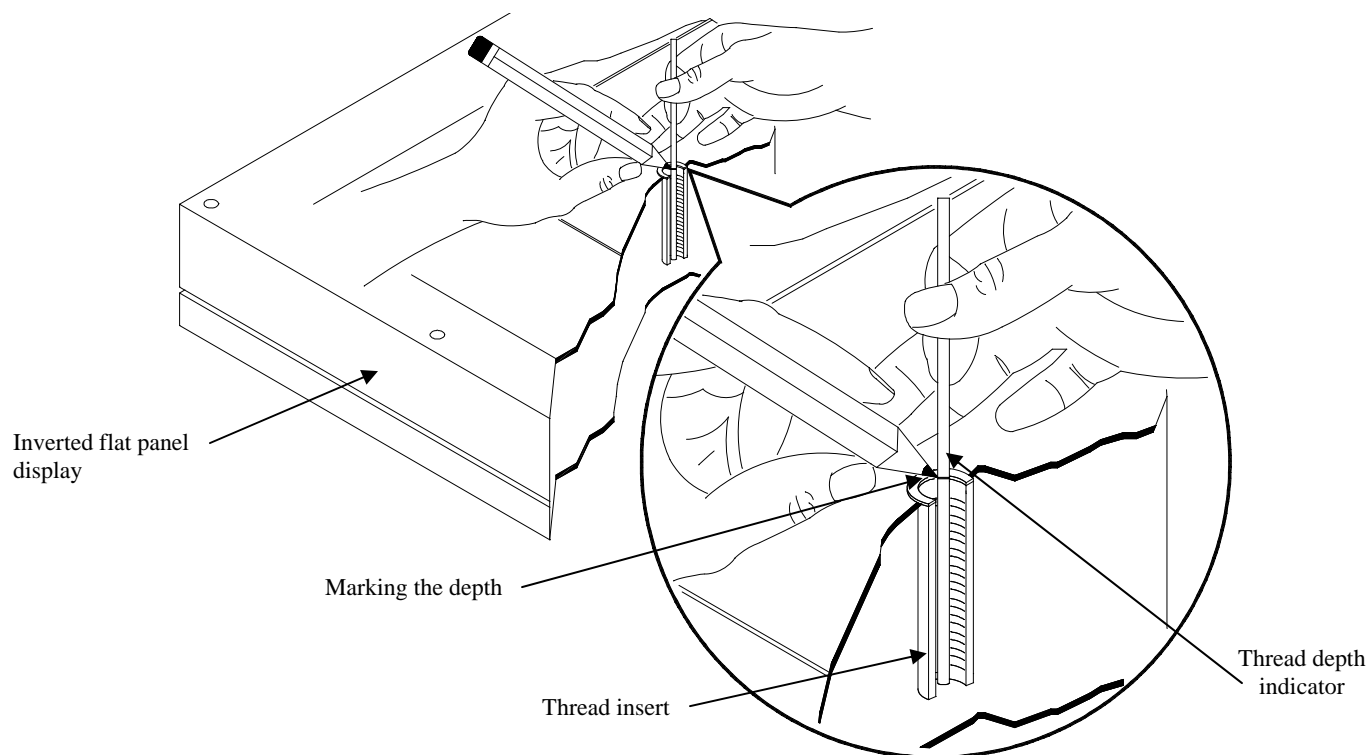


Figure 1

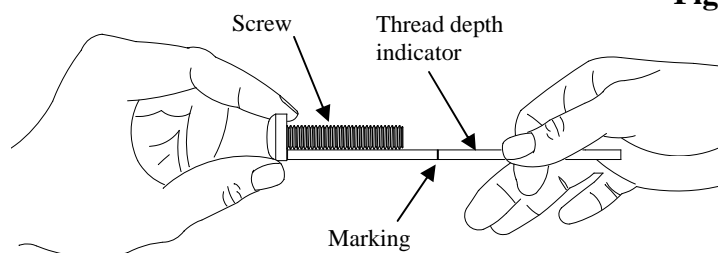


Figure 2

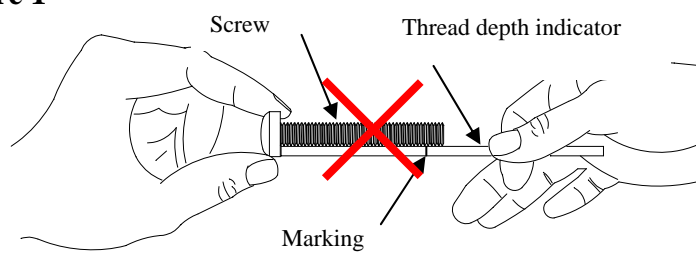


Figure 3



Mounting Bracket Installation

NOTE: Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury and possible damage to the flat panel.

WARNING: INVERT THE FLAT PANEL PLACE IT ON A SOFT, FLAT SURFACE TO PREVENT DAMAGE TO THE FLAT PANEL. USE A BLANKET, FOAM, ETC. FAILURE TO DO SO WILL RESULT IN DAMAGING THE FLAT PANEL. DO NOT LAY THE FLAT PANEL ON THE FLOOR WITHOUT ANY PROTECTION TO THE GLASS. THE FLAT PANEL IS HEAVY AND FRAGILE. AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

1. Once the flat panel is inverted, use a measuring tape to find the center of your flat panel measuring from outside to outside of the chassis (Figure 4).
2. Using a pencil lightly mark the center of your flat panel (Figure 5).

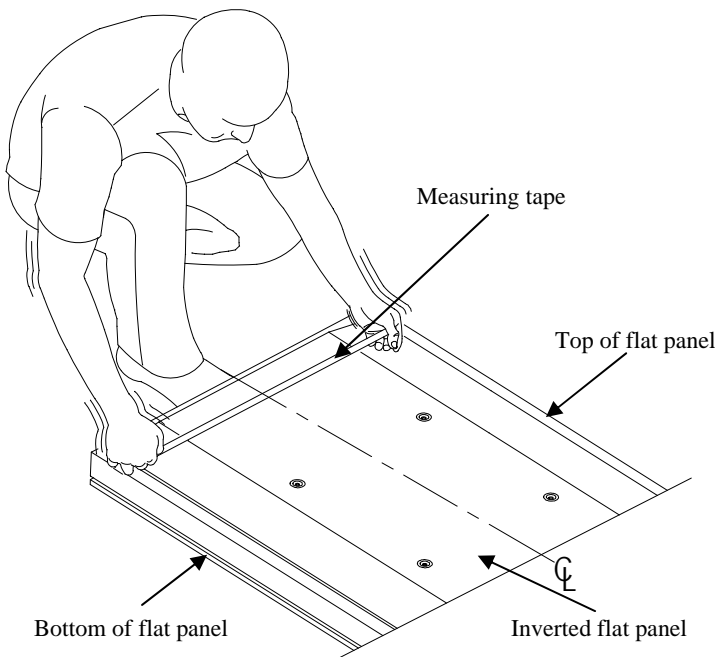


Figure 4

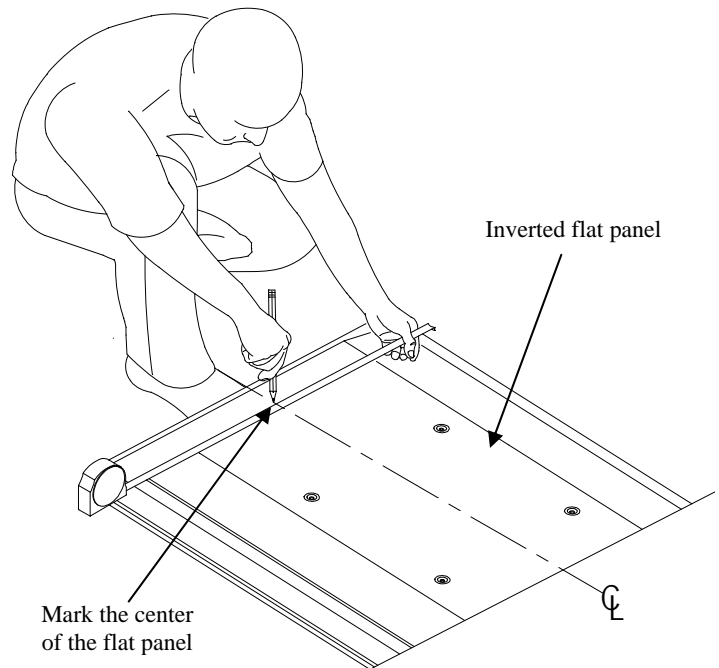
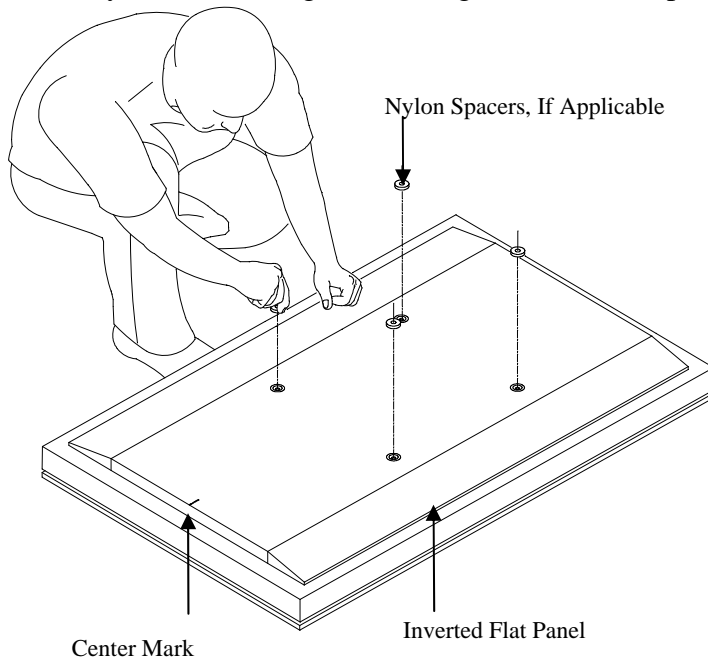
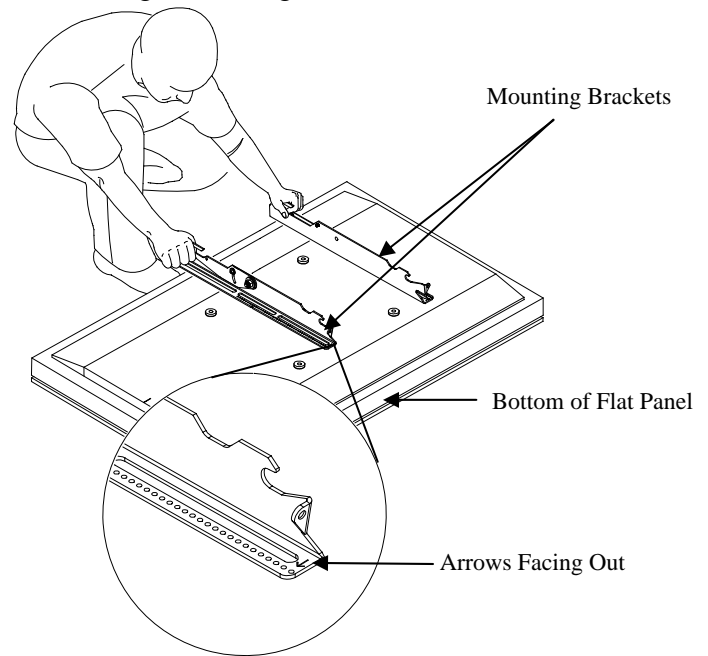


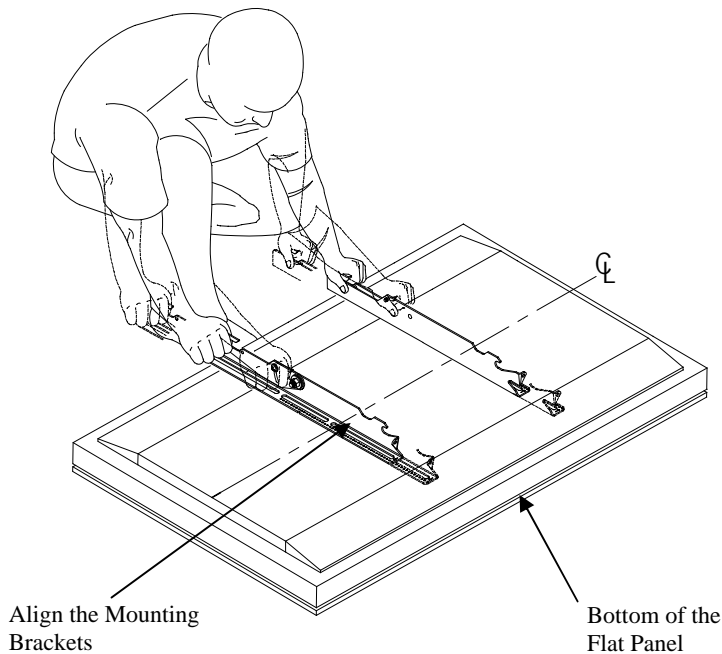
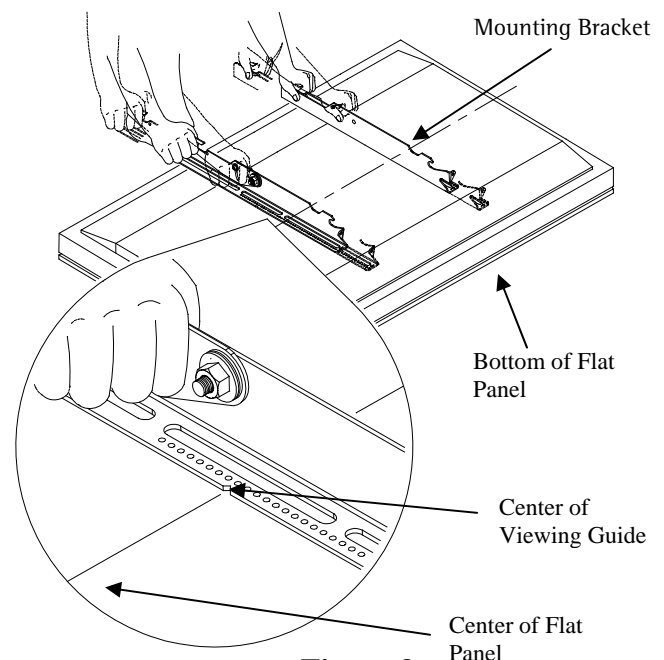
Figure 5



3. Install nylon spacers (if needed) to the mounting points on the flat panel (Figure 6).
4. Lay the left and right mounting brackets (stamped arrows facing out) - (Figure 7).

**Figure 6****Figure 7**

5. Match the center of viewing guide with the centerline you marked in Step 1 (Figure 8).
6. The mounting brackets are designed with a center of viewing guide on the side of them (Figure 9).

**Figure 8****Figure 9**



7. The Griplate™ have M4, M5 M6 and M8 hole patterns to fit the hardware that your flat panel requires.
EXAMPLE: If your plasma uses M8 x 20 Phillip screws. Use the M8 mounting points (Figure 10).
8. Once the mounting brackets are aligned secure the Griplate™ to the flat panel. Use (1) Griplate™ per mounting point (Figure 11).

NOTE: The dimples of the top plates have to be facing up and the bottom dimples must be facing down.

NOTE: Leave a 1/8" gap on both mounting brackets as shown on this diagram.

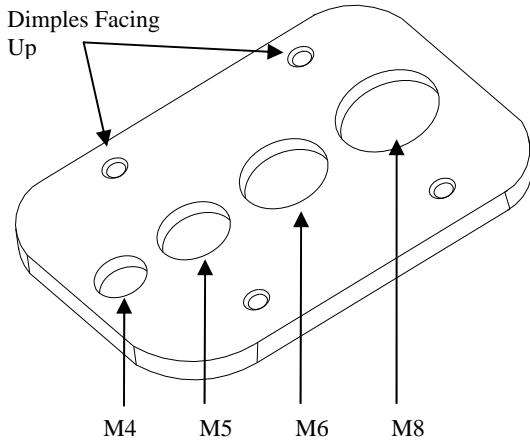


Figure 10

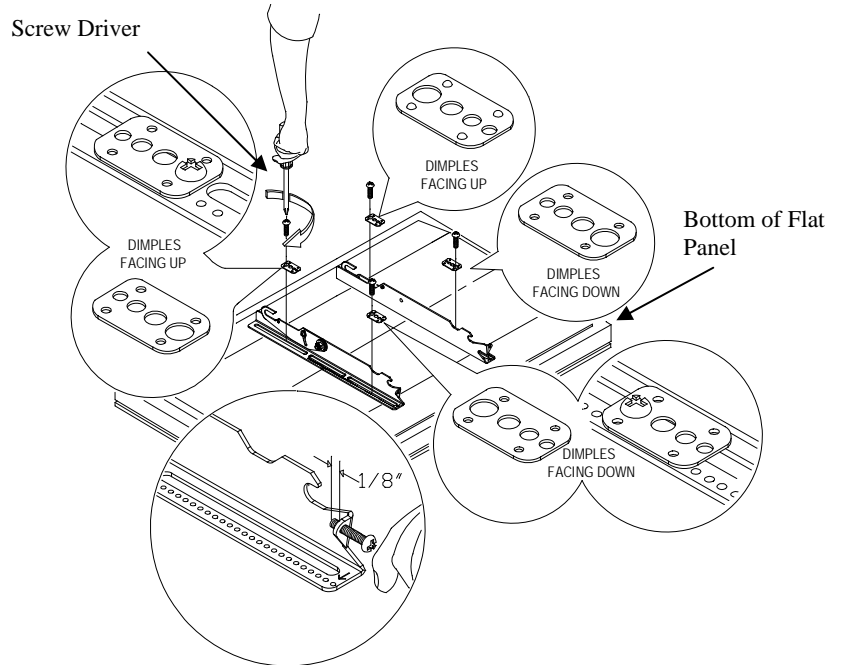


Figure 11



CTM-4200 Installation

1. Using a (commercially available) wood stud finder, locate the 16" or 24" stud centers behind the wall.
 2. Once found, make a pencil marking on the center of the wood studs.
- NOTE:** The wall plates have 16" and 24" mounting slot positions.
3. Place the wall plate to the reference line and mark the nine (9) lag bolt mounting points through the wall plate slots on the wall.
 4. Level the wall plate with the reference arrow pointing up to the ceiling.
 5. Drill nine (9) $\frac{1}{4}$ " pilot holes to the marked wall (Figure 12).
 6. Level and secure the plate to the wall with the reference arrow facing up to the ceiling.
 7. Secure the plate using the nine (9) $\frac{5}{16}$ " lag bolts and flat washers (Figure 13).

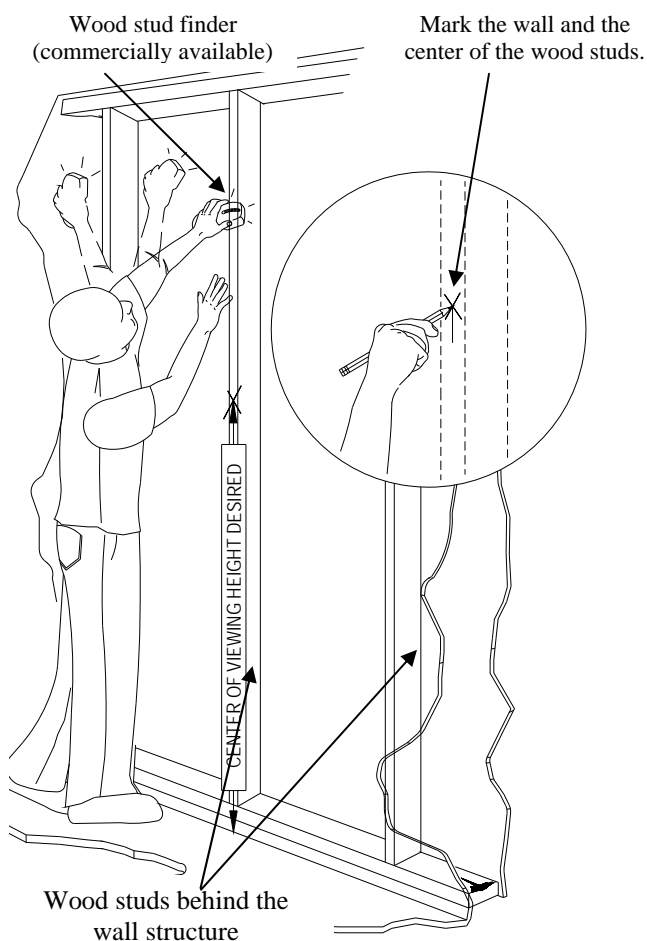


Figure 12

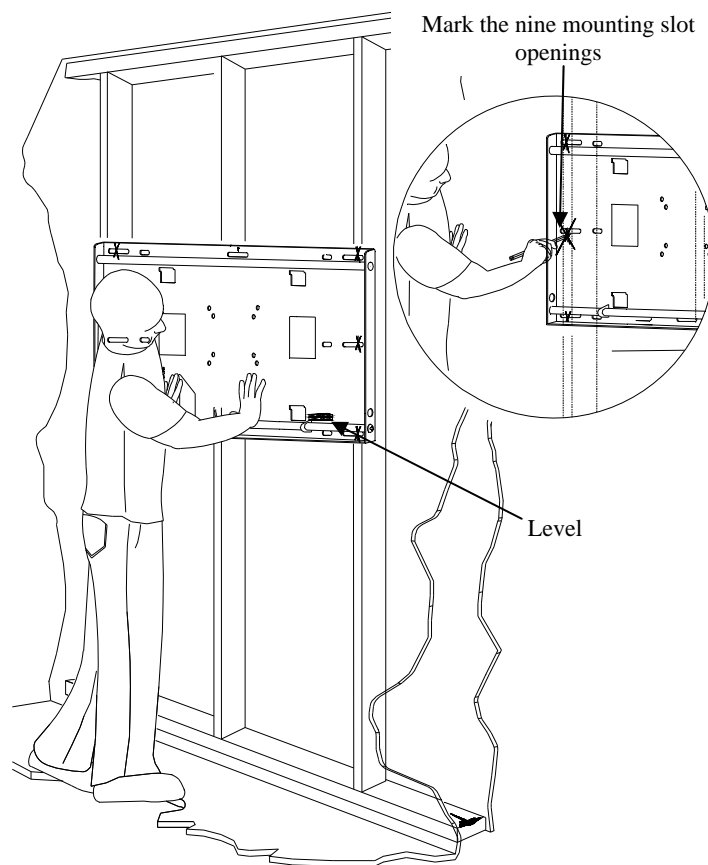
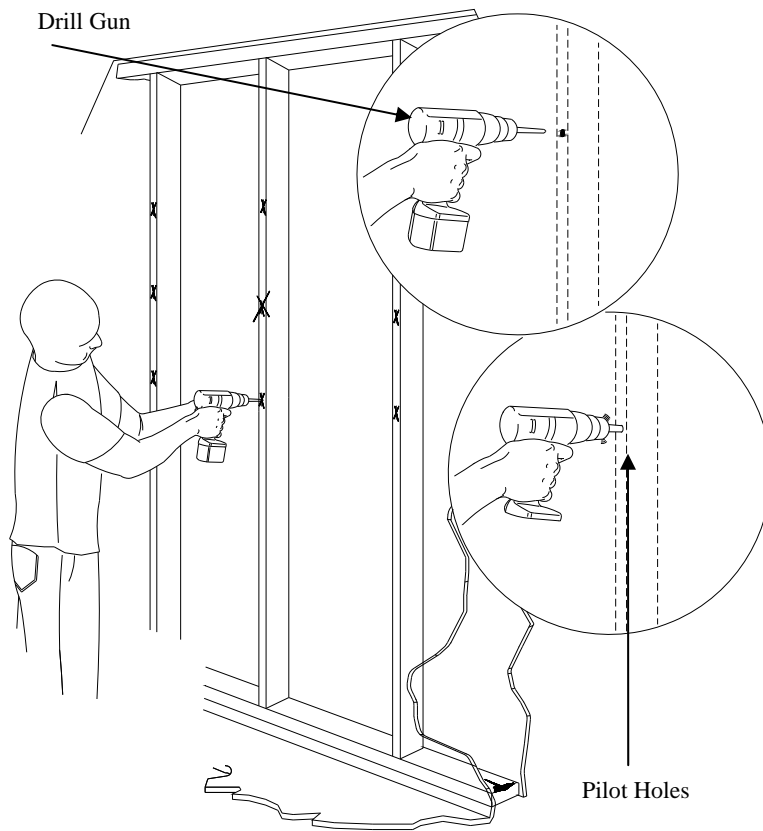
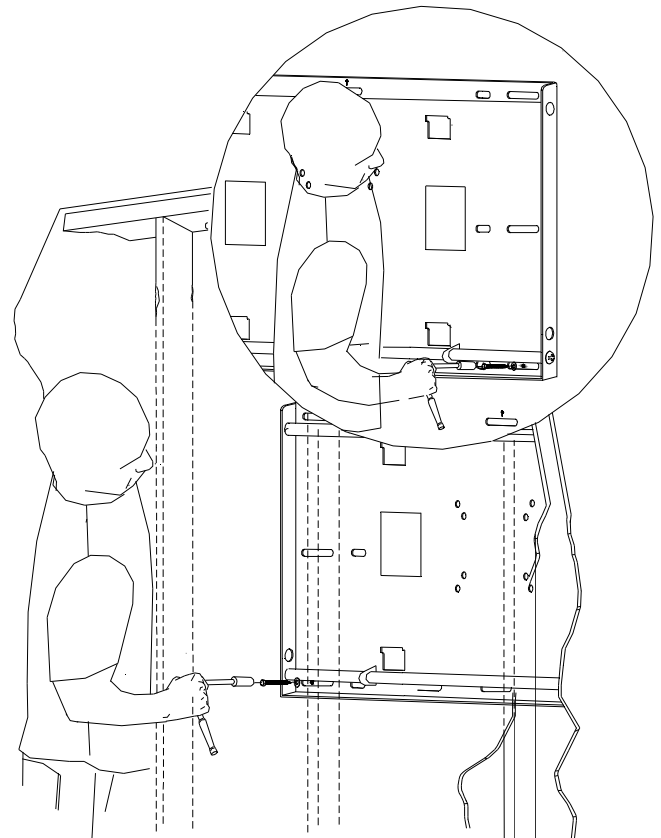


Figure 13

NOTE: If you have 24" studs, you will only need 6 pilot holes and lag bolts.

**Figure 14****Figure 15**



Installing the Flat Panel Display

WARNING: AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

1. Raise the flat panel with the mounting brackets secured to the flat panel and insert the top hooks from each bracket to the rod from the wall plates (Figure 16).

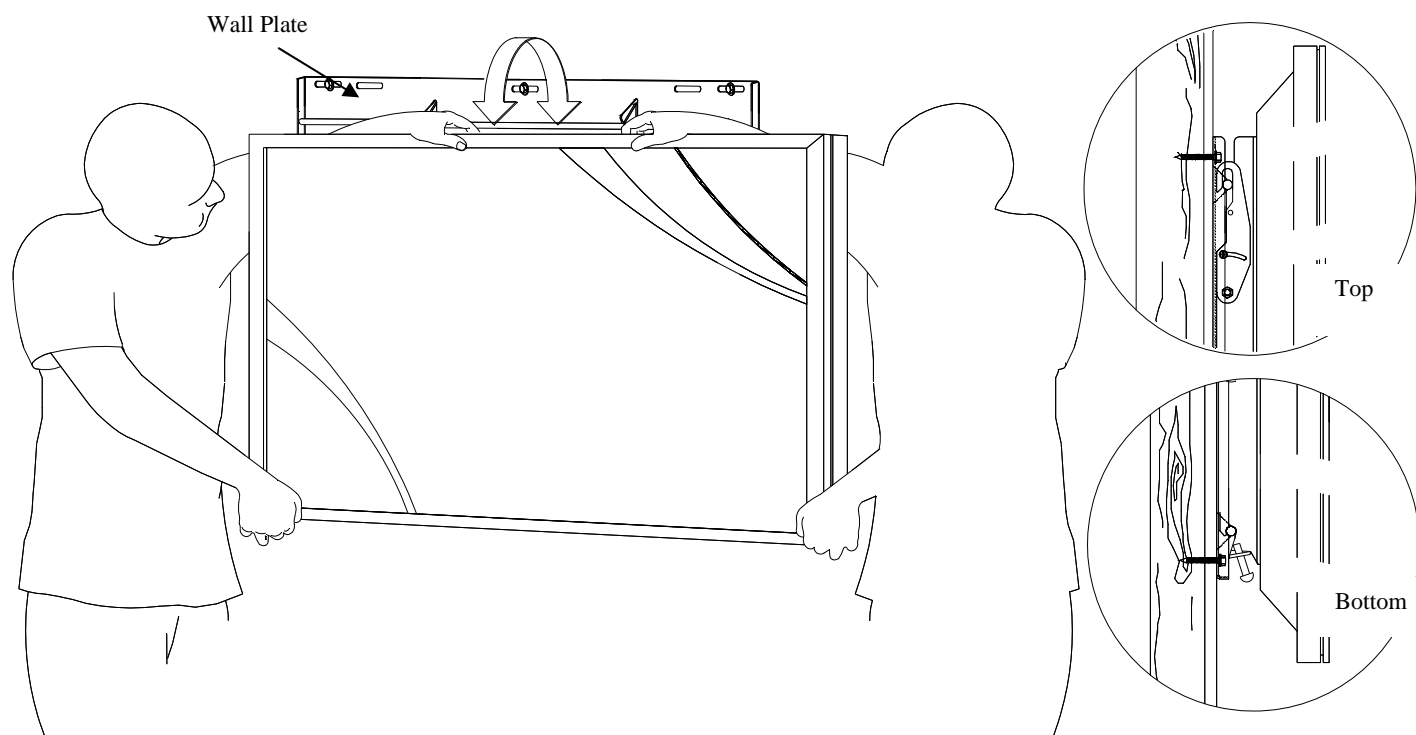


Figure 16



2. Make any lateral shift adjustment and lock it by tightening the two (2) M6 x 12mm Phillips screws found on the bottom of the mounting brackets.

CAUTION: Do not over tighten the M6 x 12mm Phillips screws to the rods (Figure 17).

NOTE: To remove the display from the wall, simply back off the M6 x 12mm Phillips screws using a Phillips screwdriver and lift the unit of the wall carefully.

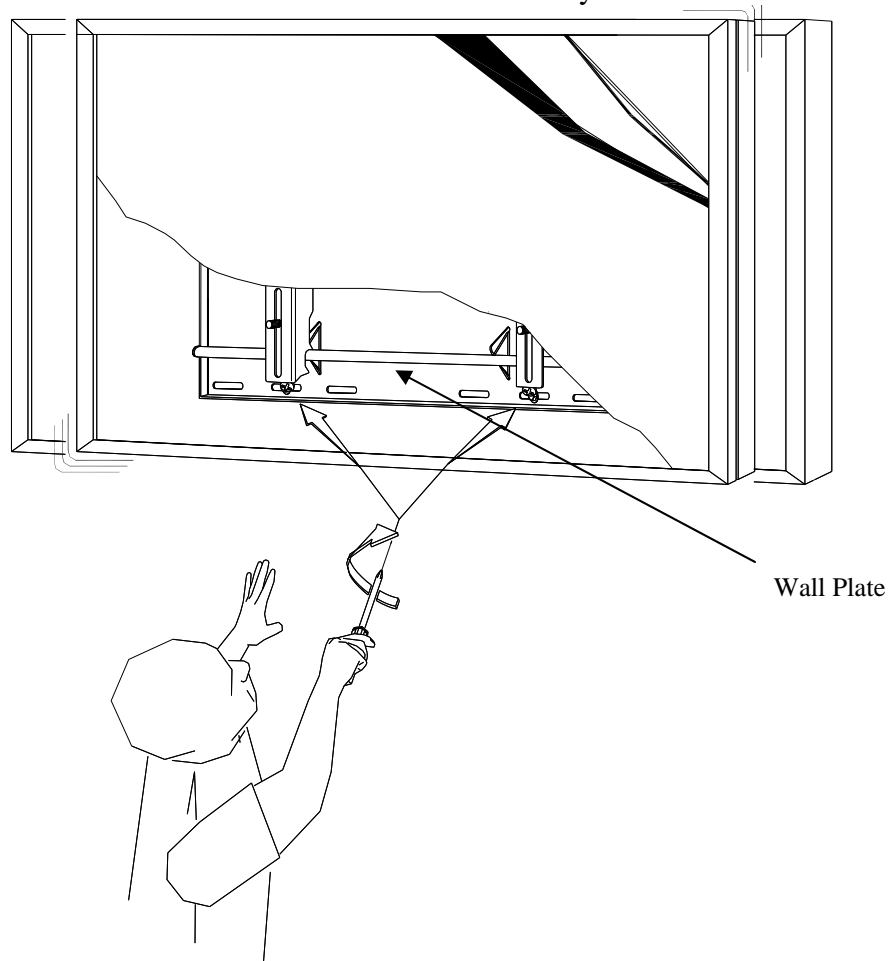


Figure 17



3. Tilt the flat panel and secure the two (2) M6 x 12mm safety knobs to each of the mounting brackets.

NOTE: To remove the display from the wall simply extend the display to its maximum tilt range, remove the two knurl knobs push the flat panel back to it's flat position, loosen or remove the two (2) M6 x 12 lateral shift screws and lift the unit off the wall (Figure 18).

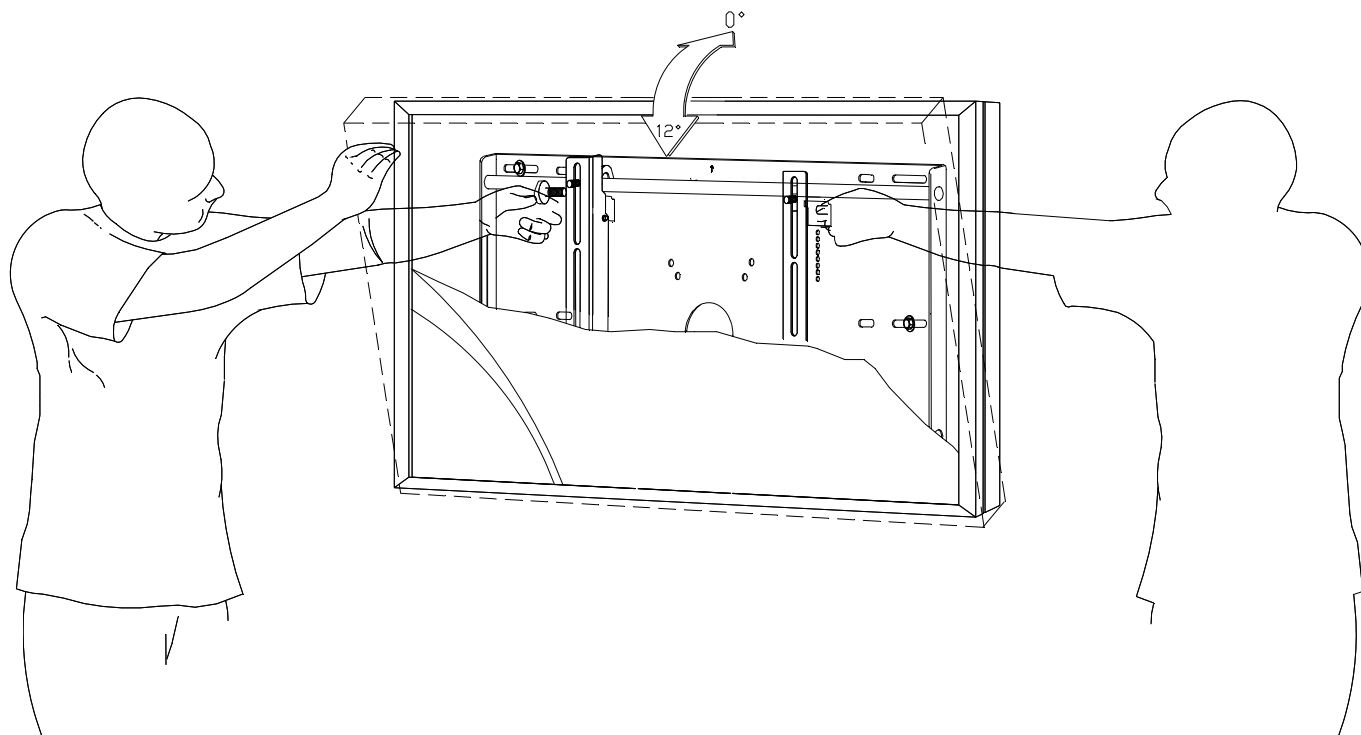


Figure 18



Technical Specifications

All measurements are in inches(mm)

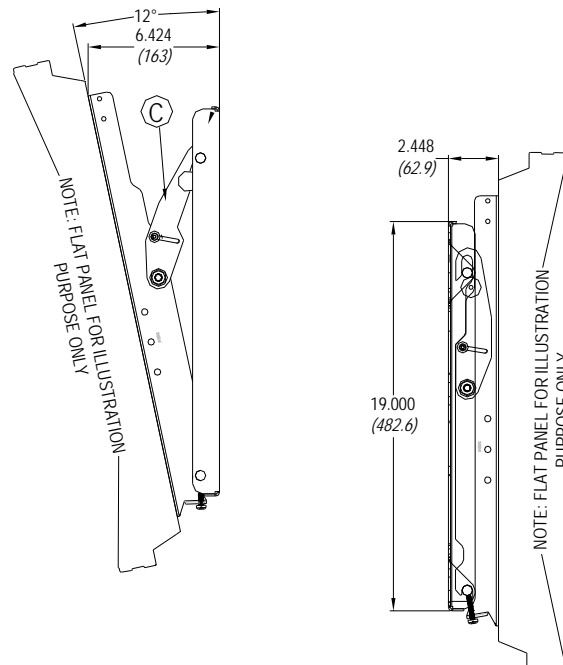
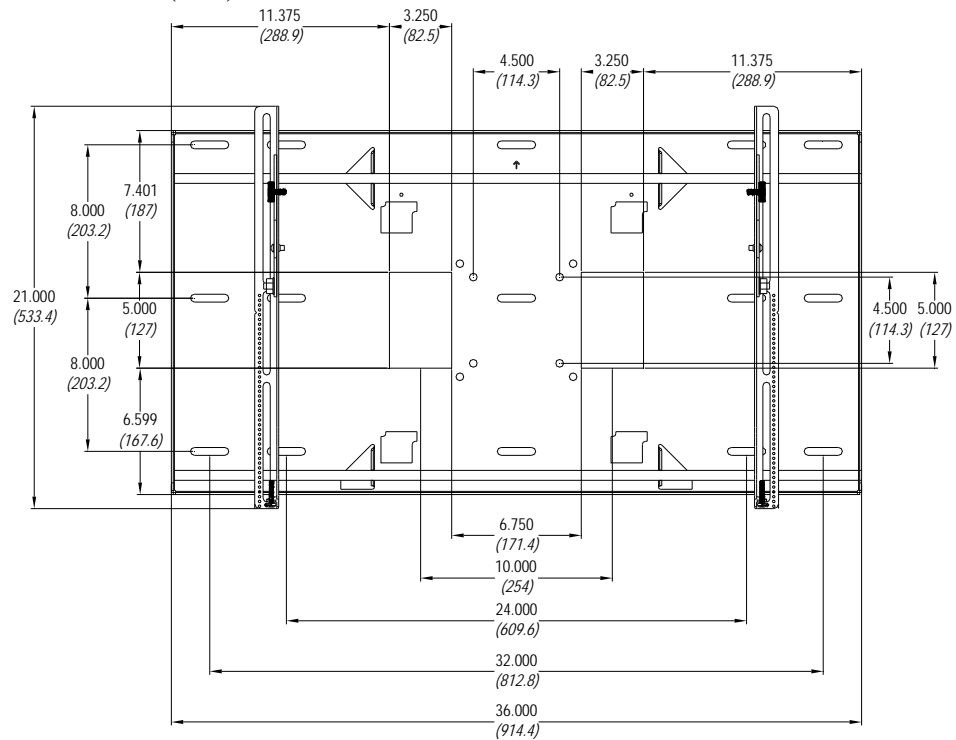


Figure 19



Warranty

Limited Lifetime Warranty

All Premier Mounts products carry a limited lifetime warranty from ship date against defects in materials and workmanship. Premier Mounts is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury.

DISCLAIMER OF WARRANTY. THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Contact Premier Mounts

In the event of missing and/or damage equipment, or technical questions, the following information can help in the completion of the installation.

Customer Service – (800) 368-9700

Technical Support – techsupport@mounts.com

Notes